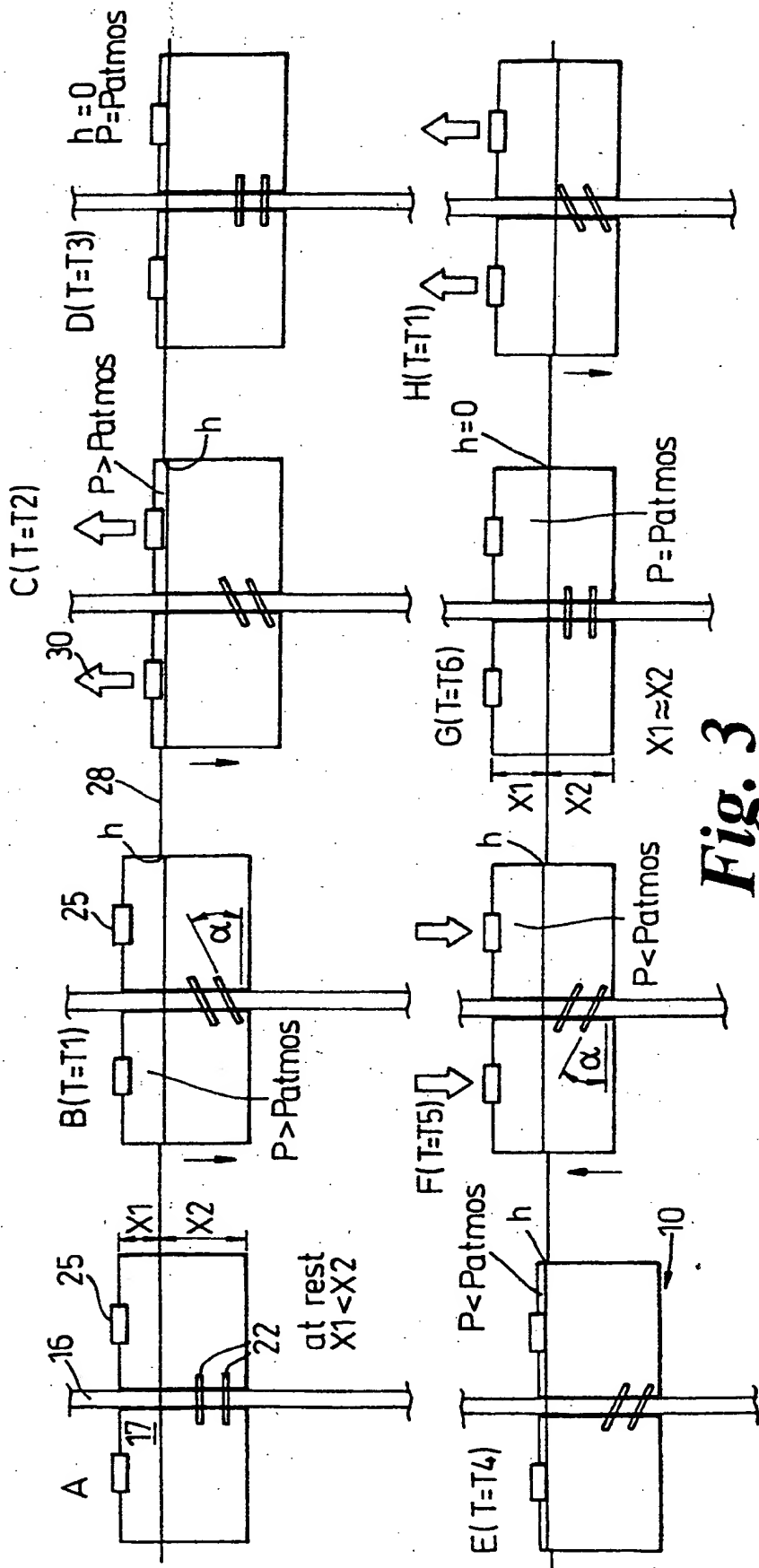
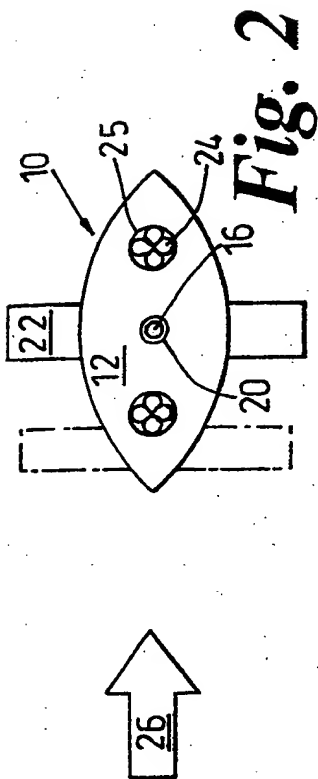


Fig. 1



Run: Blytha03, oscillation period 2.8 sec, exit diameter 100mm (1% of collector surface), tow 0.94 m/sec, rotation 41 deg in 1 sec.

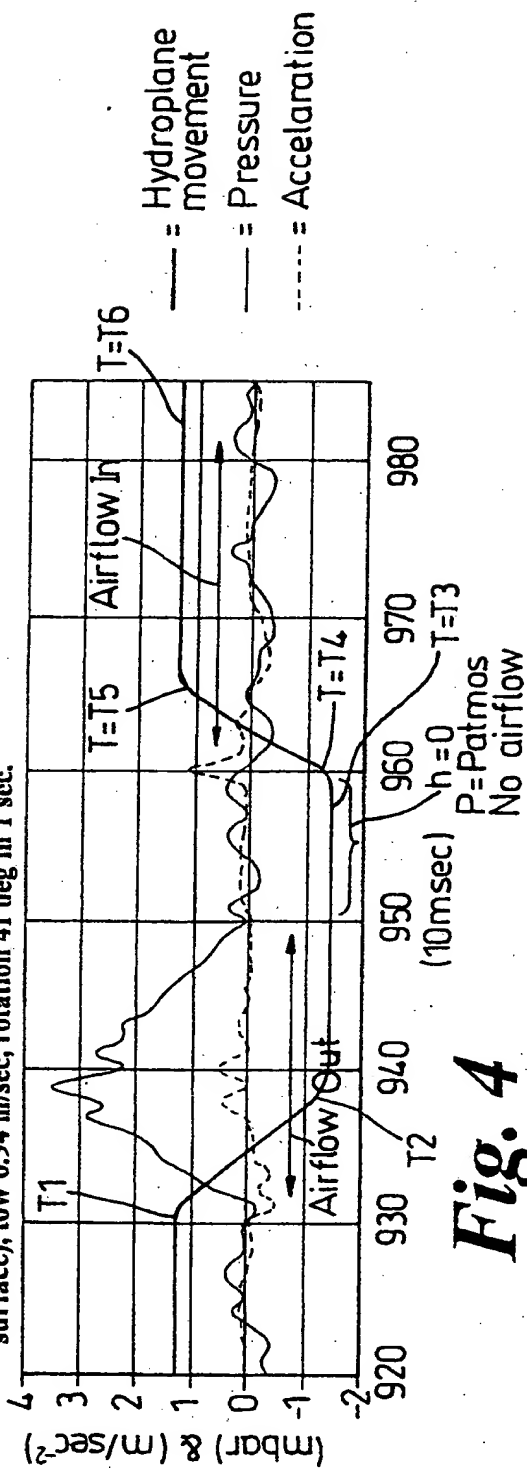


Fig. 4

Run: Blytha03, oscillation periods 4.2 & 2.8 sec, exit diameter 100mm (1% of collector surface), tow 0.94 m/sec, rotation 41 deg in 1 sec.

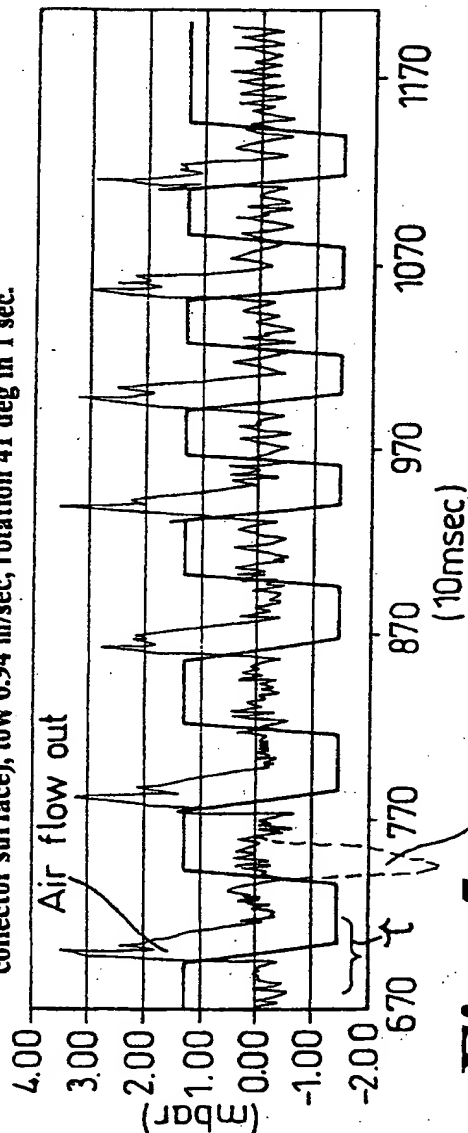


Fig. 5

Suggested air flow in (Pressure outline)

τ = Hydroplane moves;
 water develops head;
 air starts to move.

— = Pressure
 - - = Hydroplane movement



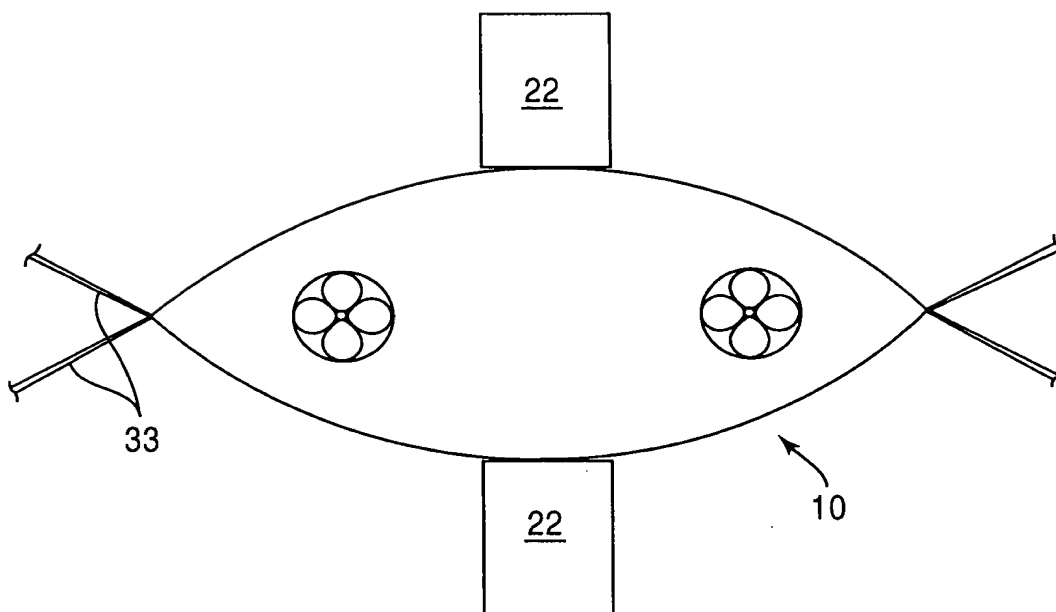


FIG. 8A

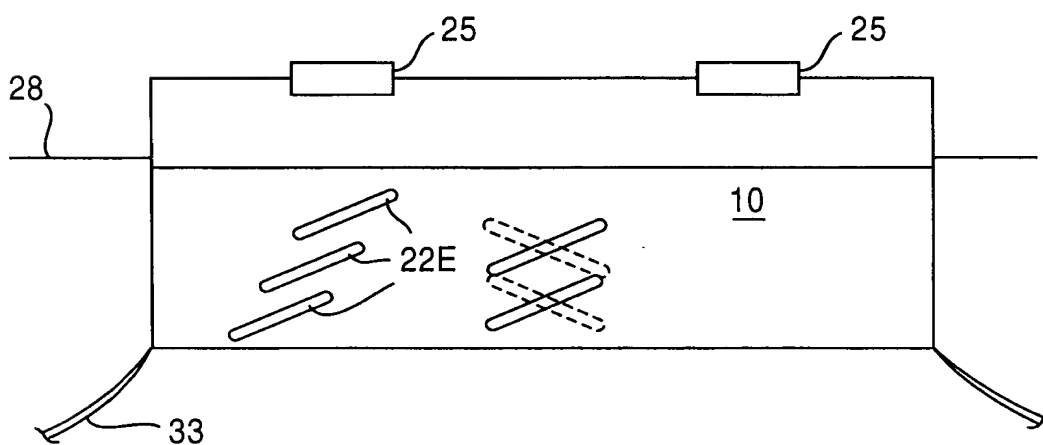


FIG. 8B

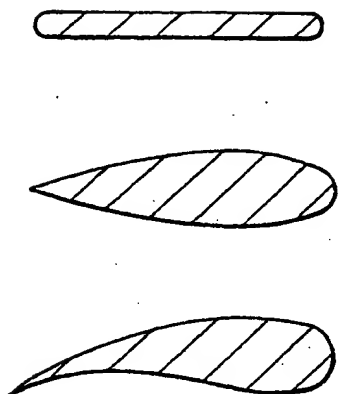


Fig. 9A

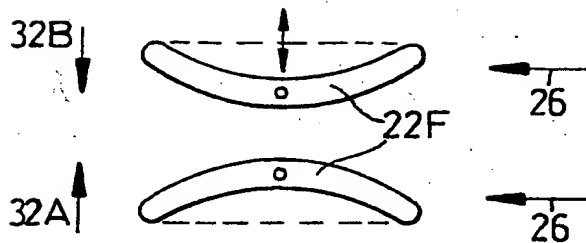


Fig. 9B

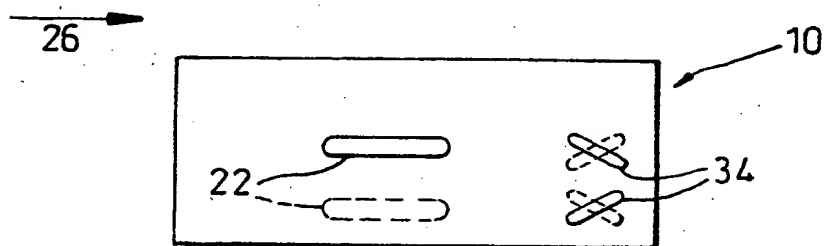


Fig. 10

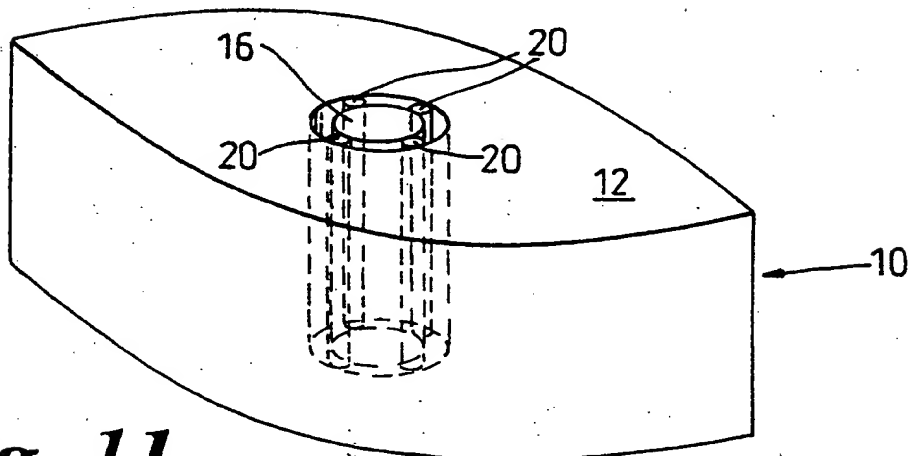


Fig. 11

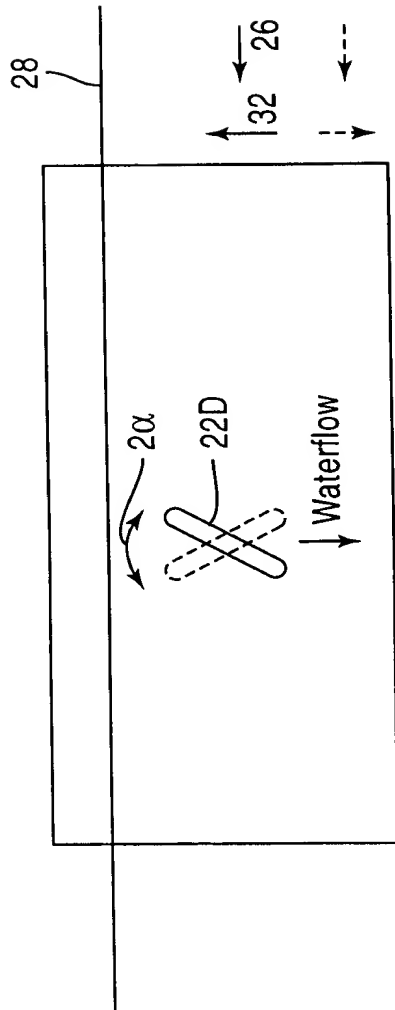


FIG. 12

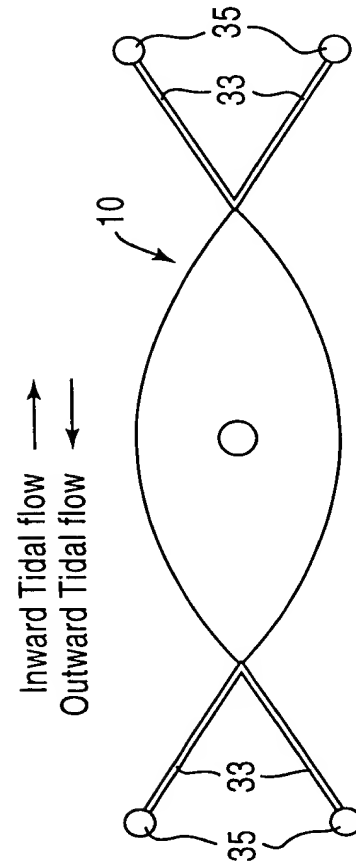


FIG. 13A

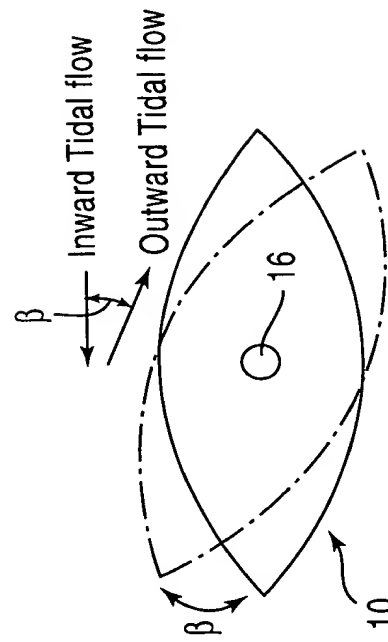


FIG. 13B

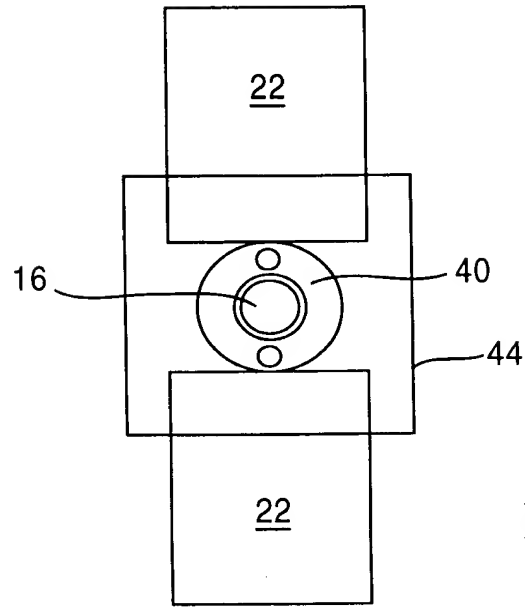


FIG. 14A

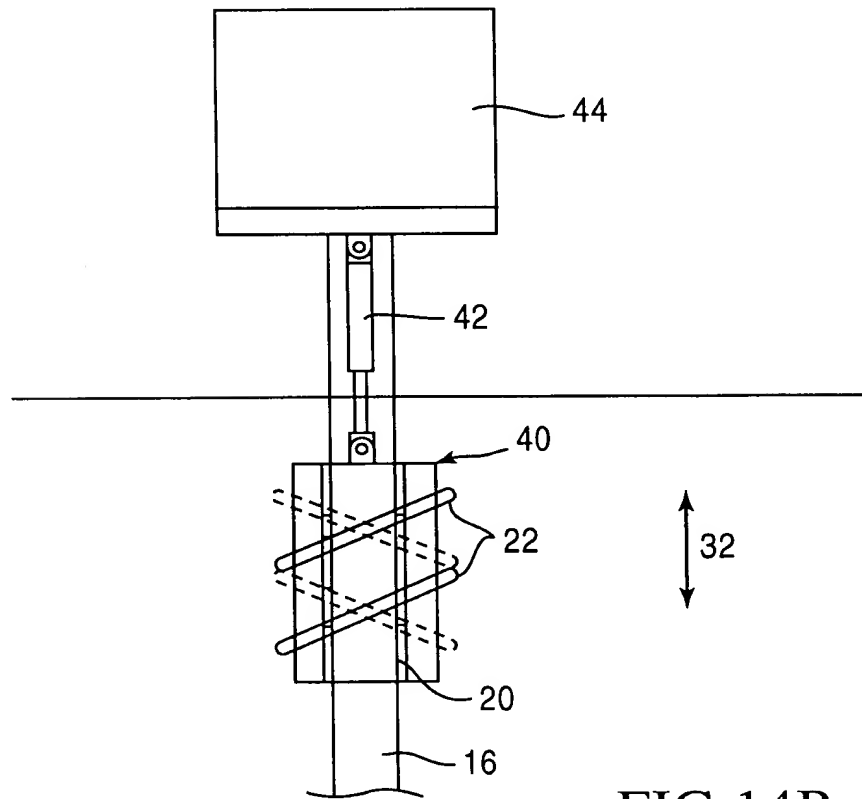


FIG. 14B

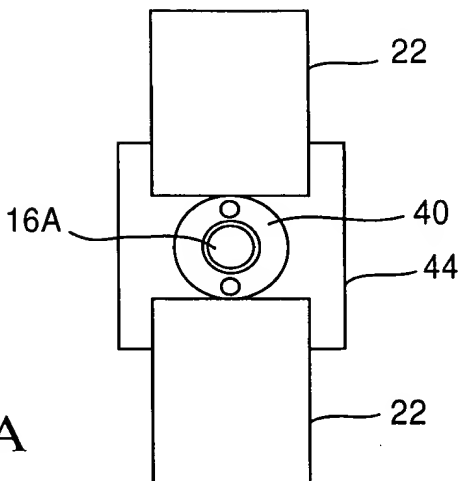


FIG. 15A

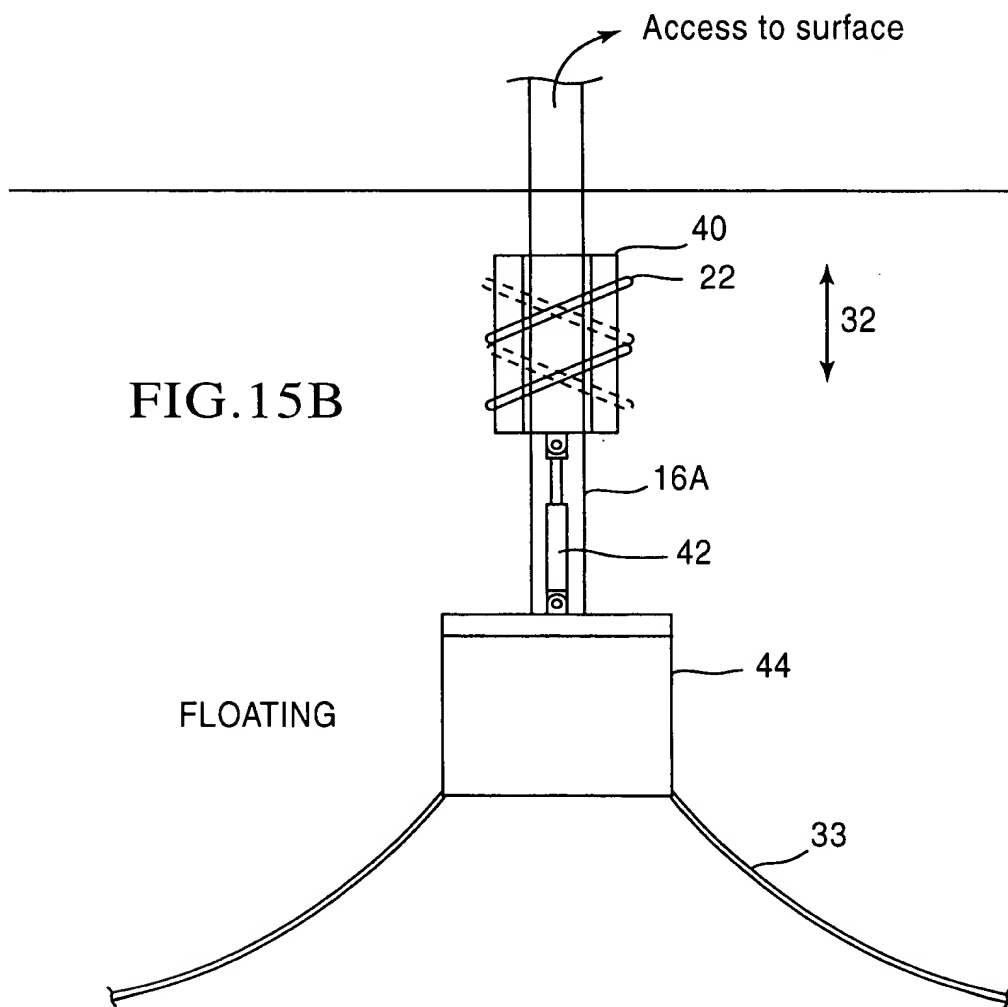


FIG. 15B

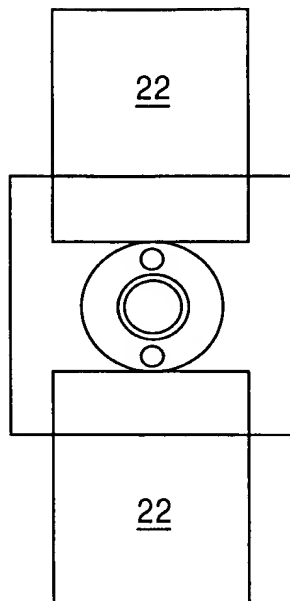


FIG. 16A

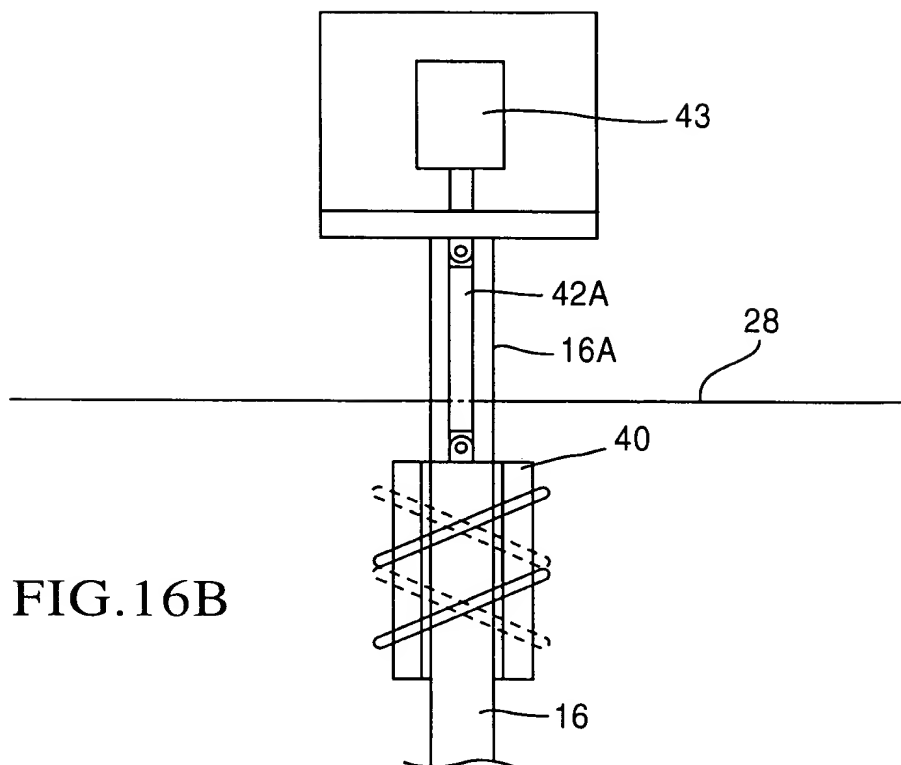


FIG. 16B

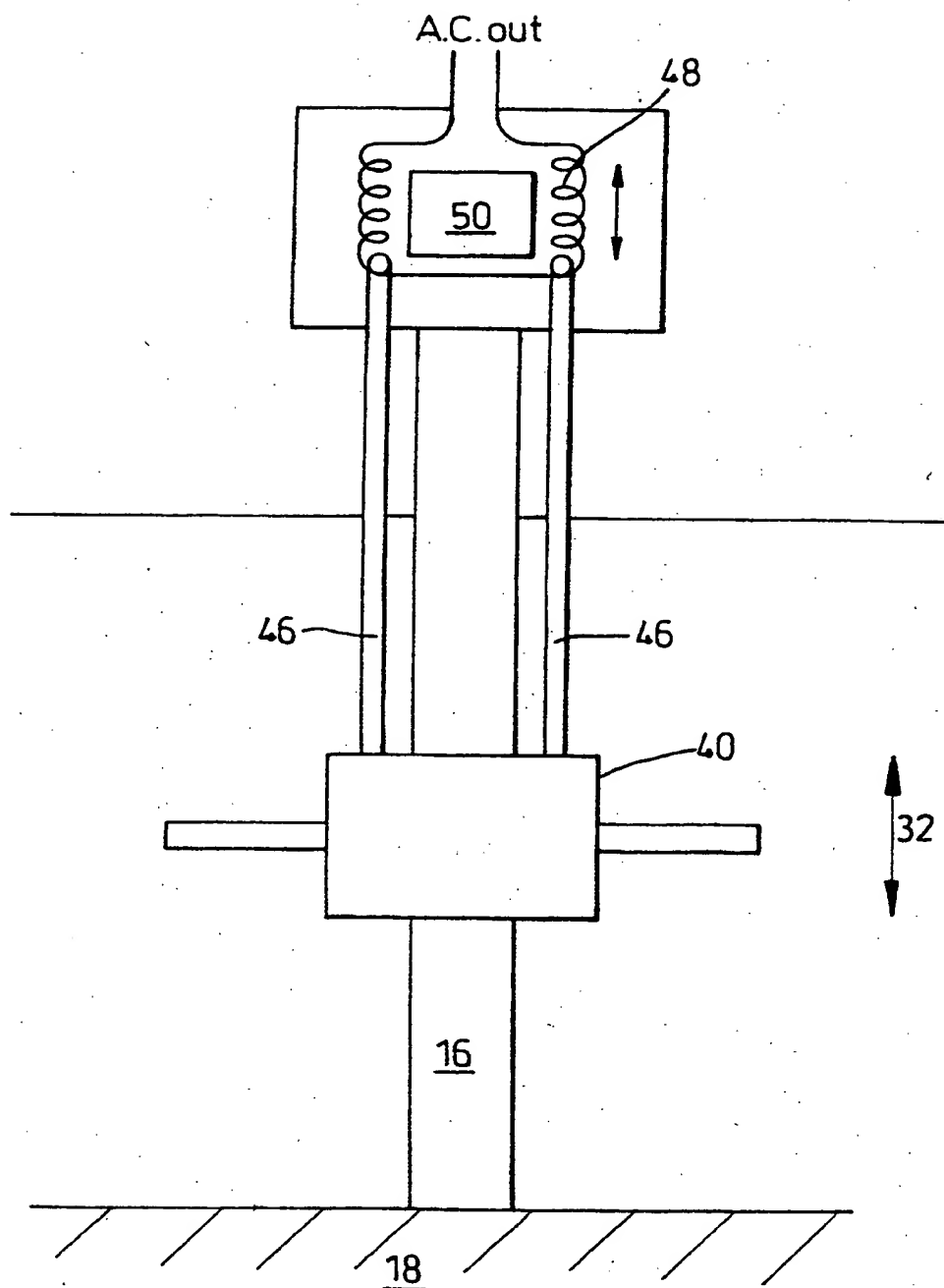


Fig. 17

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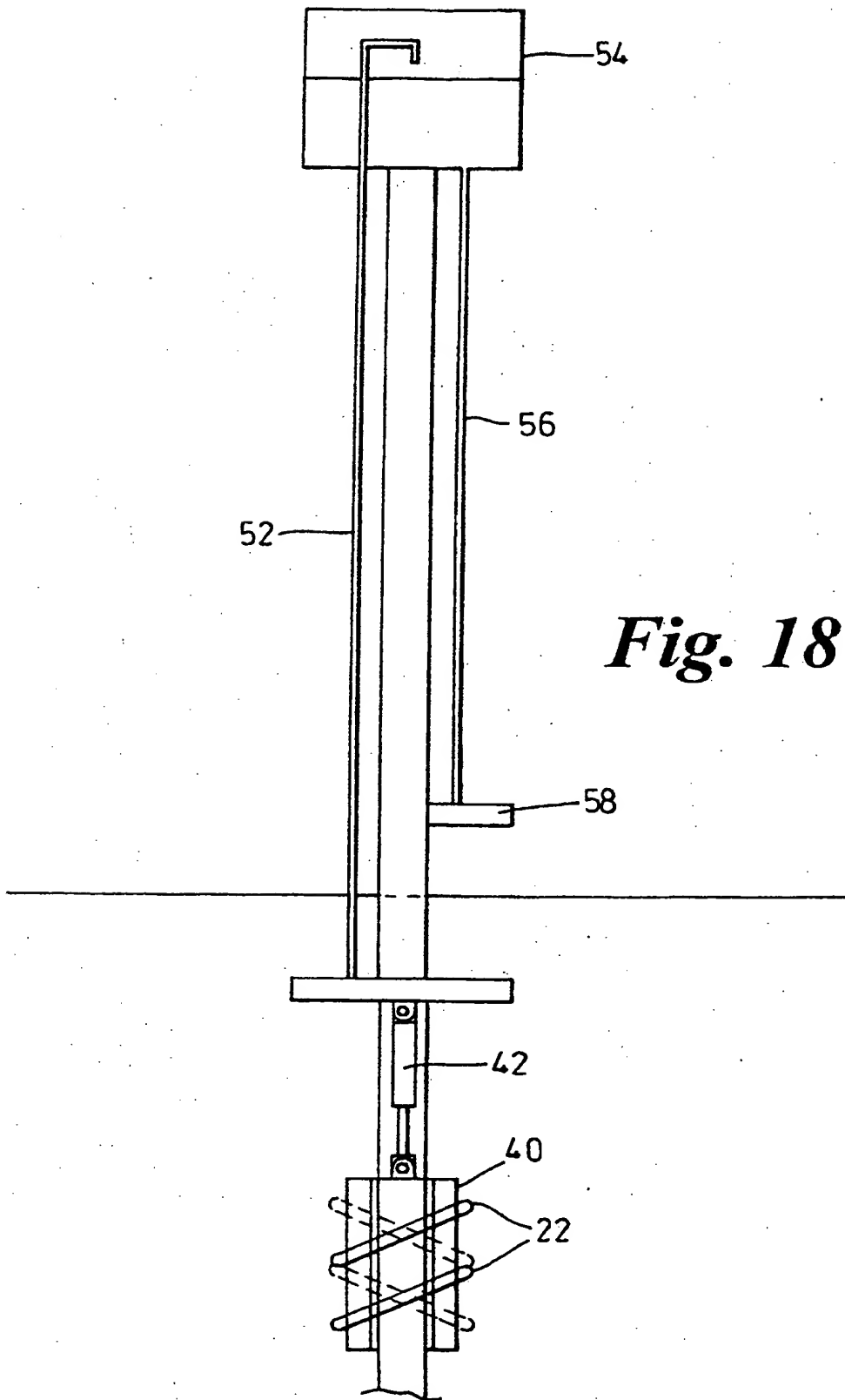
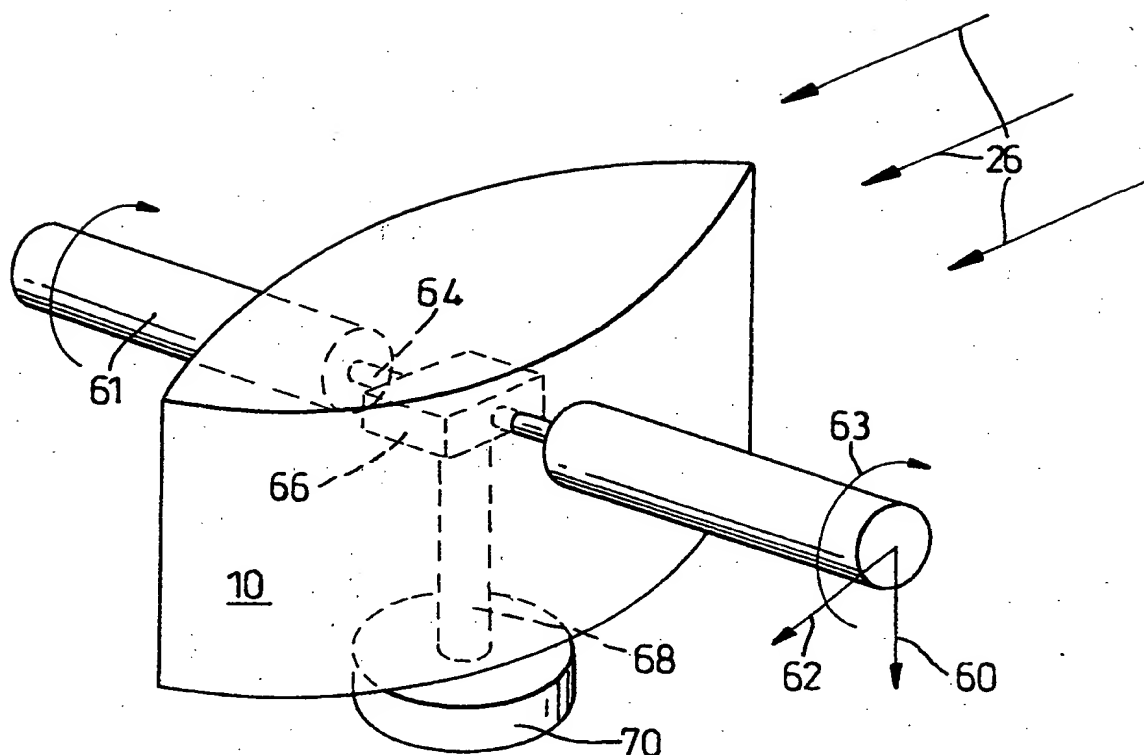


Fig. 18



Reverse Rotation to Reverse Force Direction

Fig. 19